

AMENDMENTS TO THE CLAIMS

Please cancel claims 1-7 without prejudice, and substitute therefor new claims 8-14.

Listing of Claims:

Claims 1-7 (Cancelled)

8. (New) A method for color correction in printing machines, comprising:
 - (a) executing separately one after the other for individual process colors involved in an autotype combination printing; changing only the color supply of a single process color; determining the effect of the change in the color supply of this one process color on color values of a color spot to be measured; and storing a corresponding color spot for this color;
 - (b) balancing all of the measurement values determined and stored in step (a) with each other so that for further color correction, a few or all of the process colors involved in the printing can be adjusted simultaneously.
9. (New) A method according to claim 8, wherein during the printing at least one color spot is measured, wherein for this measurement at least one actual chromaticity position is determined, and that the actual chromaticity position or each actual chromaticity position is compared with a corresponding desired chromaticity position, wherein the color correction is performed when the actual chromaticity position deviates from the corresponding desired chromaticity position.
10. (New) 3. A method according to claim 8, wherein for determining the measurement values of the chromaticity position or each chromaticity position, control waits in step a) until a balanced state has been reached after a color supply of the corresponding color to be printed has been changed.

11. (New) A method according to claim 8, wherein for determining the measurement values of the chromaticity position or each chromaticity position in step a), at least one value is measured after a certain time period or at certain time intervals and control locks the changing balanced state through extrapolation.

12. (New) A method according to one or more of claim 8, wherein in step (a), for each process color to be printed, the effect of the isolated change in a color supply of each process color on the chromaticity position of the color spot to be measured, is measured separately one after the other in time.

13. (New) A method according to claim 12, wherein it is determined how the corresponding chromaticity position shifts when changing the color supply of each process color, and that the magnitude and direction of a color vector are determined from the chromaticity positions before the color change and after the color change.

14. (New) A method according to one or more of claims 1, characterized in that the determined and stored measurement values according to step (b) are balanced through vector operations.